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Corrigendum: Two-Dimensional Ordering of Solute Nanoclusters at a Close-Packed Stacking Fault: Modeling and Experimental Analysis

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This Article contains an error in the calculation of the orientational order parameters (OOPs). The OOPs were overestimated, particularly at low cluster densities, due to an erroneous procedure for the summation of components with different signs. The correct Figures 3–5 appear below as Figure 1, Figure 2 and Figure 3 respectively.

There is also a typographical error in the Results section under subheading ‘Coarse-grained Monte Carlo modeling’.

“This fact is also confirmed by the behavior of the $|\Psi_6|$ value for the Zn–Y clusters equilibrated at 300 K, which shows a clear two-step increase with an increase in the cluster density and remains constant at approximately 0.87–0.90 in the intermediate range of ρ_{clst} from 0.628 to 0.863 nm^{−2}, as shown in Fig. 4.”

should read:

“This fact is also confirmed by the behavior of the $|\Psi_6|$ value for the Zn–Y clusters equilibrated at 300 K, which shows a clear two-step increase with an increase in the cluster density and remains constant at approximately 0.73–0.89 in the intermediate range of ρ_{clst} from 0.628 to 0.863 nm^{−2}, as shown in Fig. 4.”

Figure 1.

Figure 2.

Figure 3.